1st and final Bill

M. A. R. 57 (Rule 116) **No. D**

Measurement Book

57618

Serial No. .....

Name of work construction of RCC drains and CC roads at Vijayalakshmi layout mallasandra in ward No. 13. Shettyhalli Sub Division From ..... To .....

Name of Contractor of nature of Agency..... Technical Managers (CBRIDL)

Date of commencement of work.....

Date	Full description, etc, of work		Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Estimated cost:- 50.00 lakhs Job code:- 013-17-0000073 A.A. No:- CB/DZ/AS/28/17-18. Dated 12/06/17 T.S. No:- EE/DD/TS/65/17-18. Dated. 12/06/17 W.O. No:- EE/DD/WO/104/17-18. Dated. 13/06/17						
(1)	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2m & an average lift upto 1.5m. excavated surface leveled/						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per Specification. with leads & lifts & steps as per premeasurements Qty recorded in this MB page No. 57689/2 vide item No. ① . i.e Qty limited to @Rate of 175.96/cum					684.85 Cum 676.80 Cum = ₹ 1,19,090/-	
②	Removing BS Slab drain and Stacking as per premeasurement this MB @ page no. 57688		Qty recorded in vide item No. ② .. Qty limited to @ Rate of 65.72/Sqm			783.00 Sqm 769.50 Sqm = ₹ 50572/-	

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M. A. R. 57 (Rule 116) **No. D**

Measurement Book

57619

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(3)	Providing and laying in position plain cement concrete of mix 1:4:8 with opc cement @ 180 kgs. with 40mm down size graded granite metal coarse aggregates @ 0.85 ccm and fine aggregate @ 0.57 ccm machine mixed, concrete laid in layers not exceeding 150 mts, well compacted, in foundation, including cost of all materials, labour, tools & machinery, curing complete as per specifications. as per premeasurement, qty recorded in the ML page no- 57696 vide item no (4). IC qty limited to					68.25 67.90 ccm	

@ Rate of 4443.52/ccm

= £301715/-

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(40)	Construction of granular sub base by providing coarse graded crushed stone aggregates of granite trap/basalt material spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density. complete as per specifications. By mix in place method for Grading II material. As per premeasurement Qty recorded in the MB page No: 57693/2 vide item no (40). -					70.46 cum Qty limited to 64.73 cum @ Rate of 1582.58/cum - ₹ 102440/-	

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M. A. R. 57 (Rule 116) No. D

Measurement Book

57620

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(5)	Construction of dry lean cement concrete mix ce 1:5:10 with opc cement @ 160 kg/m³ with 25 mm and down size graded granite metal coarse aggregate @ 0.86 ccem and fine aggregates @ 0.58 ccem sub base over a prepared sub grade with I course and fine aggregate confirming to IS383) aggregate cement ratio not to exceed 15:1 aggregate gradation after blending to be as per table 600-1 cement content to be less than 160 kg/m³ mixed in a batching plant, transported to site, laid with a paver with electronic						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per previous measurement Qty recorded in the MB page No- 57694/2 vide item No. 6. Qty limited to @ Rate ₹ 3986.66/cum					51.73 cum 47.70 cum = ₹ 190164/-	
(6)	providing and laying in position plain cement concrete of mix M20 with 43 grade OPC cement @ 300 kg, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.43 cum machine mixed, concrete laid in layers not exceeding 150 mm thick, well compacted in foundation, plinth and cills, including cost of all matls —						
	As per previous measurement Qty recorded in the MB ~~Pg No. 57692/2~~ vide item No. 6. Qty limited to @ Rate ₹ 5874.52/cum					163.79 cum 162.00 cum = ₹ 9,51,672/-	

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M. A. R. 57 (Rule 116) No. D

Measurement Book

Serial No. .....

57621

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(4)	providing and removing, centering, shuttering, strutting, propping etc and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttress, plinth, cills and string courses cost of all materials, labour complete						
	as per pre measurement Qty recorded in this MB pg. No. 57691/2						
	vide item no (4)					1638.00 Sqm	
	Qty limited to					1620.00 Sqm	
	@ Rate of					310.58 Sqm	= ₹ 5,03,140/-

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M. A. R. 57 (Rule 116) **No. D**

Measurement Book

57624

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
(10)	providing & laying Reinforced cement precast slabs of mix RC 1:1½:3 using 20mm & down size graded granite metal using HPSD 20mm & steel @ 100 kg/cum cle both ways & complete as per specification						
	1st cross	1	30.00	1.20		36.00	
		1	30.00	1.20		36.00	
		1	30.00	1.20		36.00	
		1	30.00	1.20		36.00	
		2	1.20			6.00	
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು, ಕೆಬ್ಬಹಳ್ಳ ಉಪವಿಭಾಗ, ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ, ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು	2	30.00	0.90		54.00	
		2	30.00	0.90		54.00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1×2	30.00	0.90		54.00	
		1×2	30.00	0.90		54.00	
		1×2	15.00	0.90		27.00	
	1st main	1×2	30.00	0.90		54.00	
	1st cross	1	30.00	0.90		27.00	
		1	30.00	0.90		27.00	
		1	19.00	0.90		17.10	
						518.10 Sqm	
						517.32 Sqm	
	@ Rate of 1680/Sqm					= ₹ 869098/-	
						Total Bill Amt = ₹ 458487/-	
						10% IDL Charges = ₹ 41263/-	
						Grand Total = ₹ 49,97,513/-	

Checked

28/6/18 ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು

ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

2/6/18

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M. A. R. 57 (Rule 116) **No. D** 57625

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions		Depth	Contents	Reference to last Measurement
			Length	Breadth			
1	2	3	4	5	6	7	8
	Certificate : * Work done is satisfactorily * All debris is cleared from workspot. 2/6/18						28/6/18 ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರ ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲ ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾ ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳ

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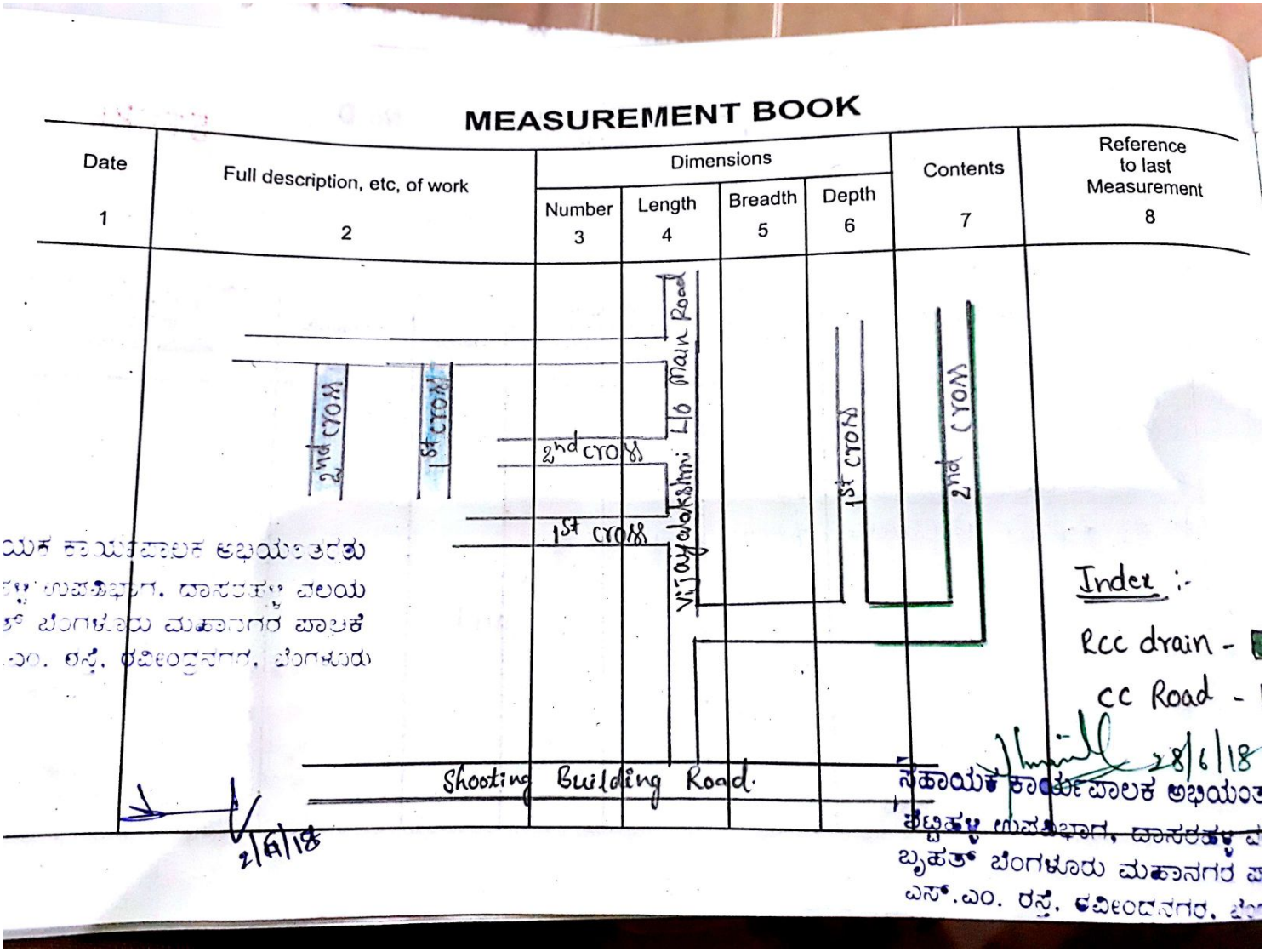
MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8



ಮುಖ್ಯ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಬ್ಬಿಹಳ್ಳ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ಕವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

2/6/18

Index :-

Rcc drain -

cc Road -

28/6/18

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತ
ಕೆಬ್ಬಿಹಳ್ಳ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ಕವೀಂದ್ರನಗರ, ಬೆಂ

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